

CADPM 1346-3

CA 4237100

DPM 1346-3

MATERIAL SAFETY DATA SHEET

Adapted and modified from USDL Form OSHA-20

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SECTION I

MANUFACTURER'S NAME INDUSTRIAL POLYCHEMICAL SERVICE		EMERGENCY TELEPHONE NO. 213/ 321-6515
ADDRESS (Number, Street, City, State, and ZIP Code) P. O. Box 471 - Gardena, CA 90247		
CHEMICAL NAME AND SYNONYMS NA		TRADE NAME AND SYNONYMS WELD-ON 28 COMPONENT - C
CHEMICAL FAMILY NA	FORMULA NA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS SEE BELOW			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Methyl Methacrylate Monomer (MMA) inhibited Major >85					
Dimethylaniline (DMA) minor					
Calculated TLV = 100 PPM					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Based on Monomer 760 MM 4 g	214	SPECIFIC GRAVITY (H ₂ O=1)	0.939-0.943
VAPOR PRESSURE (mm Hg.) @ 20°C	29	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1) 60°F 1 - ATM	3.42	EVAPORATION RATE (— RHAG =1)	3
SOLUBILITY IN WATER 6/100g @ 68°F Based on Monomer	1.6		
APPEARANCE AND ODOR Thin clear liquid, pungent odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) (10C) 70°F	FLAMMABLE LIMITS @ 77°F, 1-ATM, % by Vol	Lel 2.1	Uel 12.5
EXTINGUISHING MEDIA Dry chemical or CO₂ extinguisher.			
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus. Water fog - nozzles or chemical foams needed to extinguish flaming pools of methyl methacrylate.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Moderate fire and explosion hazard when exposed to heat or flame can react with			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

100 PPM

EFFECTS OF OVER EXPOSURE

INHALATION: Will cause drowsiness, dizziness and nausea from monomer portion; the DMA can cause cyanosis. SKIN CONTACT: May cause chapping or mild dermatitis. May cause cyanosis.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Wrap patient in a blanket, provide plenty of fresh air and call a physician. SKIN CONTACT: Wash with plenty of water and soap immediately. EYE CONTACT: Flush with water for 15 min. and get medical attention immediately. If swallowed induce vomiting and call a physician.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

CONDITIONS TO AVOID

Fire or abnormal temperatures or contact with

X

oxidizing materials

INCOMPATIBILITY (Materials to avoid)

Corrosive to aluminum, magnesium, plexiglas and other plastics and fabrics. Should be stored in stainless steel, glass or polyethylene containers.

HAZARDOUS DECOMPOSITION PRODUCTS

Upon heating, toxic fumes may evolve at decomposition.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID The material generates heat

Through polymerization. Methyl methacrylate

polymer may be formed with fire or abnormal

temperature or with addition of oxidizing materials.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush spills immediately with plenty of water. Evacuate building if necessary.

Eliminate all ignition sources. Avoid exposure of personnel to toxic concentration of fumes.

WASTE DISPOSAL METHOD

Wash with water and discharge into storm sewer. Follow local and state regulations.

Do not let material drain into domestic sewer.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Not necessary if adequate ventilation is provided. Use respirator for organic vapors for confined areas, e.g. MSA respirator #459433.

VENTILATION

LOCAL EXHAUST

ventilation.

MECHANICAL (General)

Low point - 6 air changes per hour

SPECIAL

None

OTHER

None

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Splashproof chemical goggles

OTHER PROTECTIVE EQUIPMENT

Rubber apron and safety shower near work area.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Flammable liquid; I.C.C. Red label. Store in cool areas below 70°F away from sources of heat.

OTHER PRECAUTIONS

Follow recommendations on label and product literature.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.